

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Peter SATTLER et al.

Serial No. (unknown)

Filed herewith

INJECTION MOULDING DEVICE  
HAVING A COOLED VALVE PIN  
GUIDE BUSH

PRELIMINARY AMENDMENT

Commissioner of Patents

Washington, D.C. 20231

Sir:

Prior to calculation of the filing fee, please amend  
the above-identified application as follows:

IN THE CLAIMS:

Amend claim 4 as follows:

--4. (amended) Injection moulding device (1)  
according to claim 1, the bush being seated in a cavity (21)  
in the mould body (2) at a distance from the sidewalls of the  
cavity (21), the bush having a lower shoulder (24), a clamping  
ring (22) being screwed into the cavity (21) and engages with  
the shoulder (22) on the bush, an inner wall (25) of the  
clamping ring (22) being spaced away from the sidewall of the  
bush (13).

Amend claim 5 as follows:

--5. (amended) Injection moulding device (1)  
according to claim 1, wherein the actuator means (15) compris-  
es a cylinder (15) that is placed above the valve pin (11),

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8-23-02.